

RELY ON EXCELLENCE

## Burajet Chamber rings 8032/AU

Packings & Gaskets | Injectable packings



### Features

Burajet retainer rings are molded HPU (hydrolysis-resistant polyurethane) or FKM (fluorocarbon rubber) rings with sealing lip which are produced to match the shaft and gland housing. They efficiently retain the Burajet injectable compound packings, thus reducing product contamination. The compensation for radial shaft movements is also better than with braided packings.

### Notes

Easy to handle during installation. To make it easier to fit into assembled systems, the profile ring can be cut through at one point and then glued back together using cyanoacrylate adhesive. The rings are manufactured to fit the shaft and gland housing diameters. An exact measurement is needed (accurate to 0.1 mm) in order to produce the lip seals with the correct dimensions.

### Advantages

- Easy to handle during installation.

### Operating range

#### Pumps

Pressure:  $p = 25$  bar

Sliding velocity:  $vg = 4$  m/s

#### Valves

Pressure:  $p = 25$  bar

Sliding velocity:  $vg = 4$  m/s

#### Mixers, agitators, kneaders

Pressure:  $p = 25$  bar

Sliding velocity:  $vg = 4$  m/s

### Temperature

- Continuous operation:  
 $t = -30$  °C ...  $+110$  °C

### Chemical resistance:

$pH = 2$  ...  $12$

Resistant to almost all media. Not suitable for use in highly oxidizing media such as hot sulfuric or nitric acid.

### Recommended applications

#### Industries

- Process industry
- Chemical industry
- Pulp and paper industry
- Water and waste water technology
- Mining industry
- Sugar industry
- Building services industry

#### Mechanical units

- Pumps
- Mixer
- Kneaders
- Agitators
- Refiners

#### Components

- Valves